wherein R^5 is an optionally substituted phenyl group,

R^4 is a bond,

R^3 is phenylene

R^1 is a lower alkyl optionally substituted with one or more substituents selected from the group consisting of hydroxy, alkoxy, mercapto, alkylthio, cycloalkyl, halogen, carboxy, ester of carboxy, nitro, cyano, trifluoromethyl, substituted or unsubstituted amino, guanidino, phenyl, and benzyloxy, and

Y is -NHOH or -OH,

or a pharmaceutically acceptable salt, ester, hydrate, isomer, or racemic mixture thereof.

27. A compound according to claim 26, wherein R^5 is a phenyl group substituted with a halogen.

28. A compound according to claim 26, wherein R^1 is an unsubstituted lower alkyl.

29. A compound according to claim 26, wherein R^1 is isopropyl.

30. A compound according to claim 26, wherein Y is -OH.

31. A composition for inhibiting a metalloproteinase, comprising a compound of claim 26 and a pharmaceutically acceptable carrier.

32. A method of inhibiting the activity of a metalloproteinase comprising administering an effective amount of a compound of claim 26 to a subject in need thereof.-